

ADVANCED DATA VISUALIZATION

EXPERIMENT 6

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ROLL NO: 20217000021

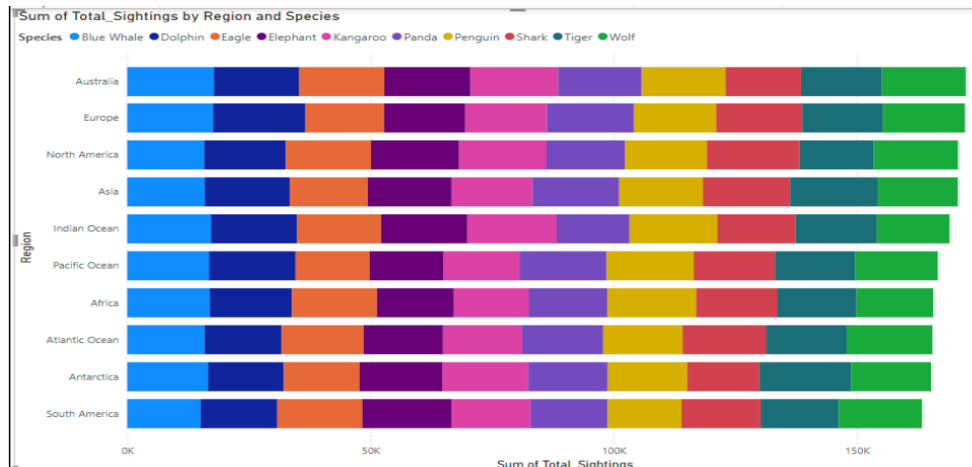
BATCH: L

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	expanded_wildlife_speci...	expanded_wildlife_speci...	[Total Population]
1	Elephant	Europe	793531
2	Tiger	Europe	849032
3	Panda	Europe	867152
4	Blue Whale	Europe	876640
5	Dolphin	Europe	949144
6	Penguin	Europe	873642
7	Kangaroo	Europe	835809
8	Shark	Europe	880870
9	Wolf	Europe	795078
10	Eagle	Europe	866391
11	Elephant	Australia	898195

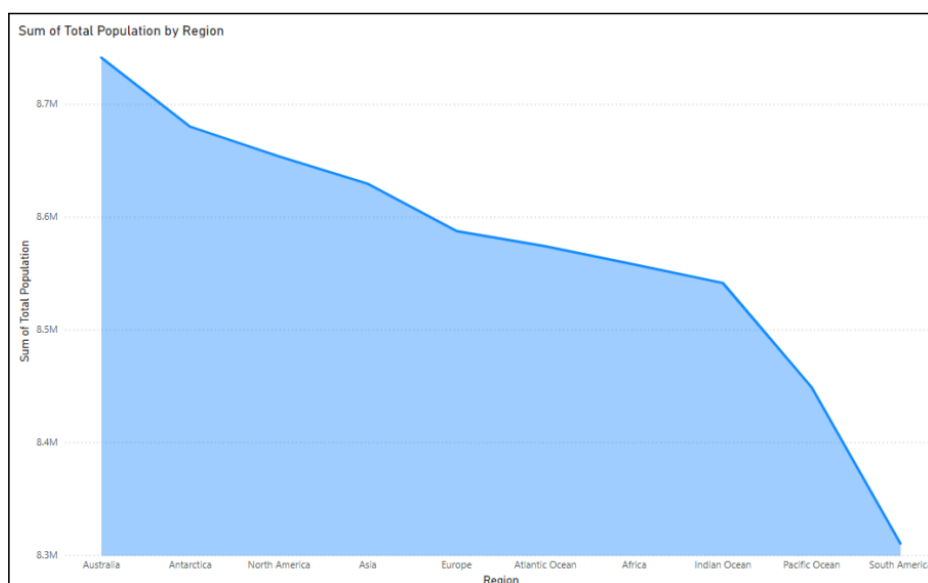
1. Table View:

- **Data Overview:** The table lists wildlife species along with their corresponding regions and total population.
- **Observations:**
 - Europe has a significant representation of species like Blue Whale, Dolphin, and Penguin.
 - Elephant populations are spread across both Europe and Australia, with the highest population in Australia.



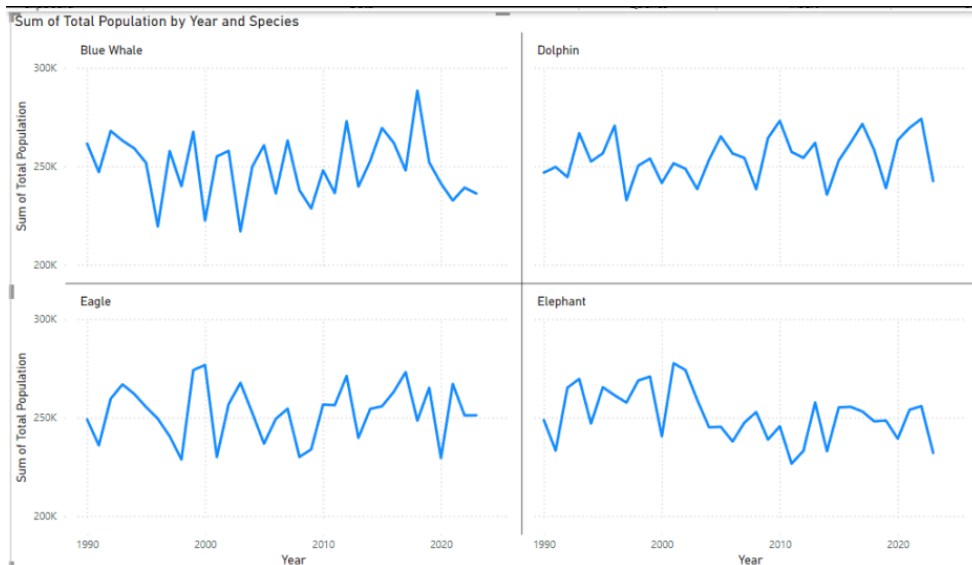
2. Stacked Bar Chart (Species vs. Region Breakdown):

- **Description:** Each bar represents the total population of species distributed across different regions.
- **Observations:**
 - Blue Whale and Dolphin populations dominate in Europe.
 - Asia, Africa, and Australia also contribute significantly but are not evenly distributed across species.
 - Elephant populations show distinct contributions from Australia and Europe.



3. Line Chart (Sum of Total Population by Region):

- **Description:** Depicts the total population trend for different regions.
- **Observations:**
 - Population decreases sharply from the first region to the last.
 - Europe shows the highest total population, while Australia has comparatively fewer species.



4. Line Charts for Individual Species:

- **Description:** Tracks the population trend of selected species (Blue Whale, Dolphin, Eagle, Elephant) over the years.
- **Observations:**
 - **Blue Whale:** Fluctuating population over the years, with no steady increase or decrease.
 - **Dolphin:** Shows a relatively consistent population trend with some fluctuations.
 - **Eagle:** Population trends appear to decline gradually over time.
 - **Elephant:** Significant variation in population, suggesting periodic increases and decreases.